

Claims:

1-26. (Canceled)

27. (New) A computer-readable medium encoded with a computer program for directing a computer to implement a critical path scheduling system for a construction project, the program comprising:

a project task manager program segment for directing the computer to receive a plurality of construction project task records including task documents, to identify critical project tasks, to generate a critical path schedule based on the critical project tasks, to allow a user to update the project task records, to adjust the critical path schedule in response to an updated record, and to present the critical path schedule to the user; and

a bid manager program segment for directing the computer to receive bids relating to the plurality of project tasks, to include each bid in a related task record, to generate a budget estimate based on the bids, to adjust the budget estimate in response to an updated task record, and to present the budget estimate to the user.

28. (New) The computer-readable medium as set forth in claim 27, wherein the bid manager program segment directs the computer to calculate a total bid amount for each of a plurality of bidders.

29. (New) The computer-readable medium as set forth in claim 27, wherein the bid manager program segment directs the computer to calculate a total bid amount for each of a plurality of projects.

30. (New) The computer-readable medium as set forth in claim 27, wherein the project task manager program segment directs the computer to allow a user to update a task record only after the user has completed a secure login.

31. (New) The computer-readable medium as set forth in claim 27, wherein the project task manager program segment directs the computer to generate a browser that permits the user to view and update the documents.

32. (New) The computer-readable medium as set forth in claim 31, wherein the browser permits the user to view and update spreadsheet documents, portable document format documents, computer-aided drafting documents, and image documents.

33. (New) A computer-readable medium encoded with a computer program for directing a computer to implement a critical path scheduling system for a construction project, the program comprising:

a project task manager program segment for directing the computer to receive a plurality of construction project task records including task documents, to identify critical project tasks, to generate a critical path schedule based on the critical project tasks, to allow a user to update a project task record by generating a browser that permits the user to view and update documents, to adjust the critical path schedule in response to the updated record, and to present the critical path schedule to the user; and

a bid manager program segment for directing the computer to receive bids relating to the plurality of project tasks, to include each bid in a related task record, to generate a budget estimate based on the bids, to calculate a total bid amount for each of a plurality of bidders, to adjust the budget estimate in response to an updated task record, and to present the budget estimate and the total bid amount for each bidder to the user.

34. (New) The computer-readable medium as set forth in claim 33, wherein the browser permits the user to view and update spreadsheet documents, portable document format documents, computer-aided drafting documents, and image documents.

35. (New) The computer-readable medium as set forth in claim 33, wherein the bid manager program segment directs the computer to calculate a total bid amount for each of a plurality of projects.

36. (New) The computer-readable medium as set forth in claim 33, wherein the project task manager program segment to allow a user to update a task record only after the user has completed a secure login.

37. (New) A computer-readable medium encoded with a computer program for directing a computer to implement a critical path scheduling system for a construction project, the program comprising:

a project task manager program segment for directing the computer to receive a plurality of construction project task records including task documents, to identify critical project tasks using the records, to generate a critical path schedule based on the critical project tasks, to generate a browser that permits the user to view and update the documents only after the user has completed a secure login, to adjust the critical path schedule in response to an updated record, and to present the critical path schedule to the user; and
a bid manager program segment for directing the computer to receive bids relating to the plurality of project tasks, to include each bid in a related task record, to generate a budget estimate based on the bids, to calculate a total bid amount for each of a plurality of bidders, to calculate a total bid amount for each of a plurality of projects, to adjust the budget estimate in response to an updated task record, and to present the budget estimate to the user.

38. (New) The computer-readable medium as set forth in claim 31, wherein the browser permits the user to view and update spreadsheet documents, portable document format documents, computer-aided drafting documents, and image documents.